ABSTRACT

TRI WIJI NURANI. Regional Fisheries Development Focusing on Specific Local Potency. Under the direction of JOHN HALUAN, SUDIRMAN SAAD, and ERNANI LUBIS.

Development of fishery activity should based consider on specific characteristic of local potency. Fisheries resources in Southern Java waters region need specific approach management. The region has a significant fisheries potency, but fishery activities have just developed in a certain places, namely Palabuhanratu, Cilacap and Prigi. The research aims to build models of fisheries development proposed to the areas.

System approach was used to analyze problems and to develop the models. System engineering compiled in a model with three submodels: 1) fishery business (submodel USAHA), 2) requirement of fishing port: functionality and accessibility (submodel PELABUHAN) and 3) policy and institution (submodel LEMBAGA).

Firstly, the model determined commodity’s priority. Strategic policy formulated using SWOT and balanced scorecard analysis. Strategy of model implementation using interpretative structural modelling (ISM) technique. The study resulted two models: 1) tuna fisheries development model and 2) coastal fisheries development model.

In the model of tuna fisheries development, tuna fishery business represent high risk business, but some government policies do not support the business, e.g. increasing the fuel price giving big impact for continuing the business. Fishing port which capable to support tuna fishery’s business are PPS Cilacap and PPN Pelabuhanratu. Integrated institution need to accommodate the stakeholder interests.

In the model of coastal fisheries development, the priority commodity’s are bonito, skipjack, white pomfret, hair tail, lobsters, shrimps and anchovies. Fishery business, covers gillnet multifilament, gillnet monofilament, purse seiner, trolling, ‘payang’, trammel net and ‘pancing rawai’. Sizing fleets both middle scale or small scale. Most existing PP/PPI are able to support fisheries activity in the region. Roles of KUD, HNSI and group of fisherman need to be improved for fisherman empowerment.

Research recommends the region of Sukabumi and Cilacap to develop the two models, both tuna fisheries dan coastal fisheries. The region of Garut, Kebumen, Gunung Kidul, Pacitan, Trenggalek and Malang are recommended for the coastal fisheries. Strategy for successful implementations the model requires to pay attention the key elements from 1) affected society sector, 2) requirement for executing the program, 3) main constrain of the program, 4) main target of the program, 5) measuring method for successful of the program, 6) activity which require to be conducted and also 7) the institution which involved in this program.

Keyword: fisheries development, specific characteristic, local potency